



#### Declaration

As below named inventor, I hereby declare that my residence post office address, and citizenship are as stated below my name. Further, I hereby declare that I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

ALIGNMENT AND ORDERING OF VECTOR ELEMENTS FOR SINGLE INSTRUCTION MULTIPLE DATA PROCESSING

PROCESSING					
the specification o	f which:				
is attached h X was filed on was a	nereto, or 10/9/97 a mended on	s application serial no	o. <u>08/947,649</u>	: and	
	I have reviewed and un ended by any amendmen			ied specification, incl	uding
	duty to disclose informa itle 37, Code of Federal			this application in	
Foreign Prior	rity Claim				
for patent or invent	ign priority benefits und tor's certificate listed bel e having a filing date be	ow and have also ide	entified below any fore	ign application for pa	cation(s) tent or
Number	Country	Date Filed	Priority Claimed		
	·······		yes	no	
				no	
U.S. Priority	Claim ·				
listed below and, in United States appl 112, I acknowledge Section 1.56(a) wh	benefit under Title 35, Unsofar as the subject ma ication in the manner pretented the duty to disclose maich occurred between the date of this application:	tter of each of the cla ovided by the first pa aterial information as	ums of this application tragraph of Title 35, U defined in Title 37, Co	is not disclosed in the nited States Code, Se ode of Federal Regul	e prior ection
Serial Number	Filing Date	e Statu	s (patented/pending/a	abandoned)	
***************************************			••••••	***************************************	



### Atto De la

#### **Power of Attorney**

As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent Trademark Office connected therewith.

James P. Hao	Registration No.: 36,398
Anthony C. Murabito	Registration No.: 35,295
John P. Wagner	Registration No.: 35,398
Glenn D. Barnes	Registration No.: P-42,293
Wilfred H. Lam	Registration No.: P-41, 923
Steve Weiner	Registration No.: 38,330
***************************************	Registration No.: 32,204
Chris Byrne Irene Fernandez	Registration No.: 34,625
M4444444444444444444444444444444444444	Registration No.: 40 530
John Brigden	Registration No.: 40,330

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#### **Signatures**

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(City	State)		
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		Data	
Inventor's Signature	***************************************	Date	***************************************
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er und de entre la company en la company	
Full Name of Fifth/Joint Inventor: Earl A. Killia	3.1
	Data
Inventor's Signature	Date
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04 4444 6 04 4444 6 4444 4 4444 4 4444 6 4444	

Page 3 of 3



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ALIGNMENT AND ORDERING OF VECTOR ELEMENTS FOR SINGLE INSTRUCTION MULTIPLE DATA

PROCESSING					
the specification of which	ch:				
	led on				
I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above; and					gnibu
I acknowledge the duty accordance with Title 3	to disclose information v 7, Code of Federal Reg	which is material ulations, Sectior	to the examination of 1.56(a).	this application in	
Foreign Priority	Claim			•	
for patent or inventor's	priority benefits under Tit certificate listed below a ving a filing date before	and have also ide	entified below any fore	eign application for pa	cation(s) tent or
Number	Country	Date Filed	Priority Claimed		
		,	yes	no	
U.S. Priority Cla	efit under Title 35. Unite	d States Code,	Section 120 of any Ur	ited States applicatio	n(s)
United States application 112. Lacknowledge the	or as the subject matter of the manner provide duty to disclose material occurred between the fill of this application:	ed by the first pa al information as	iragraph of Title 35, U defined in Title 37, C	Inited States Code, Stode of Federal Regul	ection
Serial Number	Filing Date	Statu	s (patented/pending	(abandoned)	
		***************************************			



As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent Trademark Office connected therewith.

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	Registration No.: 35,398
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Wilfred H. Lam	
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Chris Byrne	Registration No.: 32,204
Irene Fernandez	Registration No.: 34,625
John Brigden	Registration No.: 40,530

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#### **Signatures**

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P.O. Address 224 Oakgrove Avenue, Atherton,	California 94027
Full Name of Second/Joint Inventor:Perter_ Hsu	
Inventor's Signature  Residence Fremont, California	Date 3/4/18
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P.O. Address 2853 Welk Common, Fremont, Cali	ifornia 94555
Full Name of Third/Joint Inventor: William A. Huf	fman
Inventor's Signature	Date
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Full Name of Fourth/Joint Inventor: Henry P. Mor	reton	•••
Inventor's Signature	Date	
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(City State)		
P.O. Address 140 Phillip Road, Woodside,	California 94062-2625	
Full Name of Fifth/Joint Inventor: Earl A. Kill	lian	
an ratio of the sound the	***************************************	
Inventor's Signature	Date	
Inventor's Signature	Date Citizenship USA	
Inventor's Signature  Residence Los Altos Hills, California  (City State)	Date	



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ALIGNMENT AND ORDERING OF VECTOR ELEMENTS FOR SINGLE INSTRUCTION MULTIPLE DATA PROCESSING

PROCESSING				
the specification of whi	ch:			
is attached heret  x was filed on  was amend	10/9/97 as ap	plication serial no	08/947,649	: and
I hereby state that I have the claims, as amended	ve reviewed and unders d by any amendment re	stand the content ferred to above;	ts of the above identifie and	d specification, including
I acknowledge the duty accordance with Title 3	to disclose information 37, Code of Federal Reg	which is materia julations, Section	to the examination of to 1.56(a).	his application in
Foreign Priority	Claim ,			
for patent or inventor's	priority benefits under Ti certificate listed below a ving a filing date before	and have also ide	entified below any foreign	of any foreign application(s) gn application for patent or is claimed:
Number	Country	Date Filed	Priority Claimed	
	***************************************	***	yes	no
U.S. Priority Cla	aim			
listed below and, insofa United States applicati 112. Lacknowledge the	ar as the subject matter on in the manner provided duty to disclose materioccurred between the file	of each of the cla led by the first pa lal information as	aims of this application i aragraph of Title 35, Un a defined in Title 37, Co	ed States application(s) is not disclosed in the prior lited States Code, Section lide of Federal Regulations, enational or PCT
Serial Number	Filing Date	Statu	s (patented/pending/a	bandoned)



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#### **Signatures**

rui Name of Sole/First inventor. Timothy J.	Van Hook
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Inventor's Signature	Date
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Full Name of Third/Joint Inventor: William A.	Huffman
Inventor's Signature Million. C.	Halffer Date 11 - 5 1798
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Inventor's Signature	Date
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Full Name of Fifth/Joint Inventor: Earl A. F	(illian
***************************************	
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PO Address 27961 Central Drive Los	Altos Hills California 94022





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ORDERING OF VECT	OR ELEMENTS FOR S	INGLE INSTRUC	CIION MODIIFEE DAIA	
which:				
ereto, or 10/9/97 mended on	as application serial no	08/947,649	: : and	
			entified specification, including	
			n of this application in	
ity Claim				
or's certificate listed b	elow and have also ide	ntified below any	foreign application for patent of	າ(s) ກັ
Country	Date Filed	Priority Claimed	t _	
	***************************************	yes	no	
Claim		•		
nsofar as the subject maication in the manner parties the duty to disclose the courred between	natter of each of the clai provided by the first par material information as the filing date of the pr	ms of this applicates agraph of Title 35 defined in Title 35	ition is not disclosed in the prio 5, United States Code, Section 7, Code of Federal Regulations	1
Filing D	ate Status	(natented/nend	ing/ahandoned)	
1 ig 5		(paterited/perid	ing/abandoned/	
g D				
	ereto, or  10/9/97 mended on  I have reviewed and unded by any amendmented of the serior of this application of the serior of this application of the serior of this application of the serior of the	ereto, or  10/9/97 as application serial not mended on  I have reviewed and understand the contents nded by any amendment referred to above; a duty to disclose information which is material tile 37, Code of Federal Regulations, Section  ity Claim ign priority benefits under Title 35, United Stator's certificate listed below and have also ide to having a filing date before that of the application of the claim cation in the manner provided by the first part of the duty to disclose material information as ich occurred between the filing date of the pridate of this application:	ereto, or  10/9/97 as application serial no. 08/947, 649 mended on  I have reviewed and understand the contents of the above idended by any amendment referred to above; and duty to disclose information which is material to the examination tle 37, Code of Federal Regulations, Section 1.56(a).  ity Claim ign priority benefits under Title 35, United States Code Section or's certificate listed below and have also identified below any enhanced a filling date before that of the application on which prints as the subject matter of each of the claims of this application in the manner provided by the first paragraph of Title 35 is the duty to disclose material information as defined in Title 35 ich occurred between the filling date of the prior application and date of this application:	ereto, or  10/9/97 as application serial no. 08/947,649 : and nended on  I have reviewed and understand the contents of the above identified specification, including nded by any amendment referred to above; and duty to disclose information which is material to the examination of this application in tle 37, Code of Federal Regulations, Section 1.56(a).  Ity Claim  Ign priority benefits under Title 35, United States Code Section 119 of any foreign application or's certificate listed below and have also identified below any foreign application for patent of a having a filling date before that of the application on which priority is claimed:  Country Date Filed Priority Claimed  yes no yes no  Claim  Denefit under Title 35, United States Code, Section 120 of any United States application(s) assofar as the subject matter of each of the claims of this application is not disclosed in the prior application in the manner provided by the first paragraph of Title 35, United States Code, Section at the duty to disclose material information as defined in Title 37, Code of Federal Regulations ich occurred between the filling date of the prior application and the national or PCT date of this application:



As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent Trademark Office connected therewith.

James P. Hao	Registration No.: 36,398
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	Registration No.: 35,398
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John Brigden	Registration No.: 40,530

Send Correspondence to:

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#### Signatures

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of Sole/First inventor. Timothy b. van 1	1002
Inventor's Signature	Date
Inventor's Signature Residence Atherton, California	Citizenship USA
P.O. Address 224 Oakgrove Avenue, Atherton, C	California 94027
·	
Full Name of Second/Joint Inventor: Perter Hsu	· · · · · · · · · · · · · · · · · · ·
Inventor's Signature Residence Fremont, California	Date
Residence Fremont, California (City State)	Citizenship
P.O. Address 2853 Welk Common, Fremont, Calif	ornia 94555
C. II No	
Full Name of Third/Joint Inventor: William A. Huff	man
Inventor's Signature Residence Los Gatos, California	Date
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Page 2 of 3



Full Name of Fourth/Joint Inventor: #enry P. Mon	reton
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Full Name of Fifth/Joint Inventor: Earl A. Kill	Lian
Inventor's Signature	Date
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(City State)	***************************************
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#### **Signatures**

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Inventor's Signature	Date
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(City State) P.O. Address 140 Phillip Road, Woodside, Califo	rnia 94062-2625
Full Name of Fifth/Joint Inventor: Earl A. Rillian Inventor's Signature	Date 13 July 1998
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